

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 1035-00	SERIAL NO. 09/508,042					
LIST OF PRIOR ART CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANTS Aklaus Pawelzik, et al.						
		FILING DATE March 3, 2000	GROUP 2123					
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
TJ	AR	Muller, et al., "Analysing Physiological Data from Wake-Sleep Transition with Competing Predictors", 1995						
		pg. 1-6.						
J	AS	Muller, et al., "Analysis of Switching Dynamics with Competing Neural Networks" 10/10 1995 pg. 1-11						
AT	AT	Kohlmorgen, et al., "Competing Predictors Segments and Identity Switching Dynamics", 1994 ICANN, pg. 1-5.						
EXAMINER <i>Sam Stevens</i>			DATE CONSIDERED <i>8/31/05</i>					
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EXAMINER INITIAL*		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
D	AA	5	3	0	7	4	4	4	04/26/94	Eiichi Tsuboka			
	AB	5	4	1	2	1	6	3	05/02/95	Shintaro Tsuji			IC 2100
N	AC	5	6	5	9	6	6	7	08/19/97	Kevin L. Buescher et al.			JUN 5 2000
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TS	AO	WO 95/18420				07/06/95	International			x			
TS	AP	DE 195 30 646 C1				10/17/96	Germany				Abstract only		
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D	AR	John Hertz et al., INTRODUCTION TO THE THEORY OF NEURAL COMPUTATION, Addison-Wesley Publishing Company, 1991, Chapter 9 "Unsupervised Competitive Learning"											
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D	AS	Dietmar Wetzlar, NEURONALE NETZE IN DER MESSTECHNIK, Technisches Messen 62, 1995, 3 w/English language summary pg 1-2.											
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D	AT	Stephan Ester, HERZSCHALLANALYSE MIT UNTERSTÜTZUNG ADAPTIVER FILTER UND NEURONALER NETZE, Technisches Messen 62, 1995, 3, Pages 107 - 112 w/English language summary											
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TS	AN	DB 195 37 010 A1	04/10/97	Germany			Abstract only
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TS	AR	Detmar Gerhardt et al., <u>ATEMMUSTER- UND SCHLAFSTADIENERKENNTNIS MIT NEURONALEN NETZEN BEI SÄUGLINGEN</u> , Technisches Messen 62, 1995, 3, Pages 113 - 116 w/English language summary					
		Elzbieta Wisotski et al., <u>LERNFAHIGE KLASSEFIKATION VON ZEITREIHEN</u> , Automatisierungstechnik 43, 1995, 2, Pages 70 - 76 w/English language summary					
TS	AS	Sebastien Oehlen et al., <u>EINSATZ NEURONALER NETZTE ZUR KONTROLLE KOMPLEXER INDUSTRIELLER PROZESSE</u> , Automatisierungstechnik 43, 1995, 2, Pages 85 - 91 w/English language summary					
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		Klaus Pawelzik et al., <u>ANNEALED COMPETITION OF EXPERTS FOR A SEGMENTATION AND CLASSIFICATION OF SWITCHING DYNAMICS</u> , Neural Computation 8, Pages 340 - 356, 1996					
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EXAMINER	<i>Tom Hines</i>			DATE CONSIDERED		<i>5/31/06</i>			
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Klaus Pawelzik et al.

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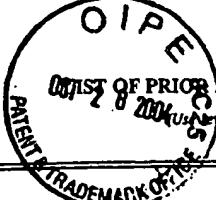
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U.S. PATENT DOCUMENTS

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TS	AR	John Hertz et al., <u>INTRODUCTION TO THE THEORY OF NEURAL COMPUTATION</u> , Addison-Wesley Publishing Company, 1991, Chapter 9 "Unsupervised Competitive Learning"	1-10
		U. Plortscheller et al., <u>SLEEP CLASSIFICATION IN INFANTS BASED ON ARTIFICIAL NEURAL NETWORKS</u> , Biomedizinische Technik, Band 37, Heft 6/1992, Pages 122 - 130	
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		Bleimar Wetzlar, <u>NEURONALE NETZE IN DER MEßTECHNIK</u> , Technisches Messen 62, 1995, 3 w/English language summary	19. 1-2
TS	AT	Achim Bothe, <u>NEURONALE KLASSEKFATOREN IN DER AKUSTISCHEN MUSTERERKENNUNG</u> , Technisches Messen 62, 1995, 3, Pages 88 - 94 w/English language summary	
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		FILING DATE March 3, 2000	GROUP

U.S. PATENT DOCUMENTS

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TS	AL DE 195 30 647 C1	01/23/97	Germany			Abstract only	
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		TS Czeslaw Wiatrak et al., <u>LERNFÄHIGE KLASIFIKATION VON ZEITREIHEN</u> , Automatisierungstechnik 43, 1995, 2, Pages 70 - 76 w/English language summary
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		TS Klaus Pawelzik et al., <u>ANNEALED COMPETITION OF EXPERTS FOR A SEGMENTATION AND CLASSIFICATION OF SWITCHING DYNAMICS</u> , Neural Computation 8, Pages 340 - 356, 1996

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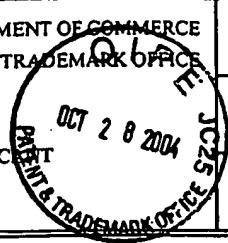
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Klaus Pawelzik et al.

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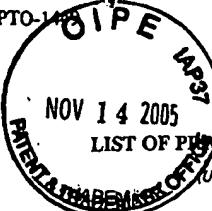
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	AR	D. Popivanov et al., <u>DETECTION OF SUCCESSIVE CHANGES IN DYNAMICS OF EEG TIME SERIES: LINEAR AND NONLINEAR APPROACH</u> , 18 th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 1996, Pages 1590 - 1591
		J. Pardyc et al., <u>A REVIEW OF PARAMETRIC MODELLING TECHNIQUES FOR EEG ANALYSIS</u> , Med. Eng. Phys., Vol. 18, No. 1, Pages 2 - 11, 1996
AT	AS	J. Kohlmorgen, et al., <u>ANALYSIS OF WAKE/SLEEP EEG WITH COMPETING EXPERTS</u> , Pages 1077 - 1082
		N. H. Packard et al., <u>GEOMETRY FROM A TIME SERIES</u> , Physical Review Letters, Vol. 45, No. 9, September 1980, Pages 712 - 716
AT	AT	Lawrence R. Rabiner, Fellow, IEEE, <u>A TUTORIAL ON HIDDEN MARKOV MODELS AND SELECTED APPLICATIONS IN SPEECH RECOGNITION</u> , Readings in Speech Recognition, Eds. Alex Waibel et al., San Mateo, Morgan Kaufmann, 1990, Pages 267 - 296

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